



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1481.0170000

APPLICATION NO.
09/547,791

APPLICANT
Beck et al.

FILING DATE
April 12, 2000

GROUP
2163

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
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| | AA1 | 3,808,410 | 04/1974 | Schlesinger | 235 | 156 | |
| | AB1 | 4,015,366 | 04/1977 | Hall, III | 47 | 1 | |
| | AC1 | 4,218,755 | 08/1980 | Root | 364 | 900 | |
| | AD1 | 4,766,539 | 08/1988 | Fox | 364 | 473 | |
| | AE1 | 4,784,150 | 11/1988 | Voorhies et al. | 128 | 664 | |
| | AF1 | 5,063,506 | 11/1991 | Brockwell et al. | 364 | 402 | |
| | AG1 | 5,128,861 | 07/1992 | Kagami et al. | 364 | 403 | |
| | AH1 | 5,128,862 | 07/1992 | Mueller | 364 | 405 | |
| | AI1 | 5,130,925 | 07/1992 | Janes et al. | 364 | 420 | |
| | AJ1 | 5,140,523 | 08/1992 | Frankel et al. | 364 | 420 | |
| | AK1 | 5,168,445 | 12/1992 | Kawashima et al. | 364 | 403 | |

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| | AL1 | 4-135271 | 05/1992 | Japan | G06F | 15/21 | Yes No |
| | AM1 | | | | | | Yes No |
| | AN1 | | | | | | Yes No |
| | AO1 | | | | | | Yes No |
| | AP1 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | 1 | Brennan Peter J., "Portfolio Managers Weather Global Risk Management Challenge," <u>Wall Street Computer Review</u> , Dealers Digest Inc., Vol. 7, No. 1, pp. 20-22, 24, 54, 56, October 1989. |
| | AS | 1 | Jensen, Cary and Anderson, Loy, <u>Harvard Graphics: The Complete Reference</u> , Osborne McGraw-Hill, pp. 5, 16, 17, 126-129, 737-747, 1990. |
| | AT | 1 | Cave Tom, "Weather Service Is a Boon To System Dispatchers," <u>Transmission & Distribution</u> , Vol. 43, No. 8, pp. 165, 166, 168-169, August 1991. |

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| | AA2 | 5,189,606 | 02/1993 | Burns et al. | 364 | 401 | |
| | AB2 | 5,208,665 | 05/1993 | McCalley et al. | 358 | 86 | |
| | AC2 | 5,237,496 | 08/1993 | Kagami et al. | 364 | 401 | |
| | AD2 | 5,250,941 | 10/1993 | McGregor et al. | 340 | 825 | |
| | AE2 | 5,253,165 | 10/1993 | Leiseca et al. | 364 | 407 | |
| | AF2 | 5,253,181 | 10/1993 | Marui et al. | 716 | 17 | |
| | AG2 | 5,283,865 | 02/1994 | Johnson | 395 | 161 | |
| | AH2 | 5,295,069 | 03/1994 | Hersey et al. | 364 | 419.17 | |
| | AI2 | 5,309,355 | 05/1994 | Lockwood | 364 | 401 | |
| | AJ2 | 5,491,629 | 02/1996 | Fox et al. | 364 | 420 | |
| | AK2 | 5,521,813 | 05/1996 | Fox et al. | 364 | 401 | |

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| | AL2 | | | | | | Yes No |
| | AM2 | | | | | | Yes No |
| | AN2 | | | | | | Yes No |
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| | AP2 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | <u>2</u> | Mitchell et al., "Where No Computer Has Gone Before: Massively Parallel Processing Promises Unparalleled Performance," McGraw-Hill Inc., <u>Business Week</u> , pp. 80-84, 88, November 25, 1991. |
| | AS | <u>2</u> | Engle, R.F. et al, "Modelling Peak Electricity Demand," John Wiley & Sons, Ltd., <u>Journal of Forecasting</u> , Vol. 11, No. 3, pp. 241-251, April 1992. |
| | AT | <u>2</u> | <u>Microsoft Access® User's Guide</u> , Microsoft Corporation, pp. 22-27, 36-39, 327-335, 370-373, 395-447, 1992. |

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| | AA3 | 5,712,985 | 01/1998 | Lee et al. | 395 | 207 | |
| | AB3 | 5,796,932 | 08/1998 | Fox et al. | 345 | 326 | |
| | AC3 | 5,855,006 | 12/1998 | Huemoeller et al. | 705 | | |
| | AD3 | 6,018,640 | 01/2000 | Blackman et al. | 399 | 364 | |
| | AE3 | 6,035,285 | 03/2000 | Schlect et al. | 705 | 30 | |
| | AF3 | 6,067,525 | 05/2000 | Johnson et al. | 705 | 10 | |
| | AG3 | | | | | | |
| | AH3 | | | | | | |
| | AI3 | | | | | | |
| | AJ3 | | | | | | |
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|--|----|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | AR | <u>3</u> | Ehrenberg, A.S.C. et al., "The After Effects of Price-Related Consumer Promotions," Advertising Research Foundation, Inc., <u>Journal of Advertising Research</u> , Vol. 34, No. 4, pp. 11-22, July/August 1994. ✓ |
| | AS | <u>3</u> | Patent Abstracts of Japan, JP 1236396, published September 21, 1989. ✓ |
| | AT | <u>3</u> | Patent Abstracts of Japan, JP 1259488, published October 17, 1989. ✓ |

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| | AE3 | | | | | | |
| | AF3 | | | | | | |
| | AG3 | | | | | | |
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| | AR | <u>4</u> | Patent Abstracts of Japan, JP 2268396, published November 2, 1990. |
| | AS | <u>4</u> | Patent Abstracts of Japan, JP 2299059, published December 11, 1990. |
| | AT | <u>4</u> | Patent Abstracts of Japan, JP 4077896, published March 11, 1992 |

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| | AD3 | | | | | | |
| | AE3 | | | | | | |
| | AF3 | | | | | | |
| | AG3 | | | | | | |
| | AH3 | | | | | | |
| | AI3 | | | | | | |
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| | AN3 | | | | | | Yes No |
| | AO3 | | | | | | Yes No |
| | AP3 | | | | | | Yes No |

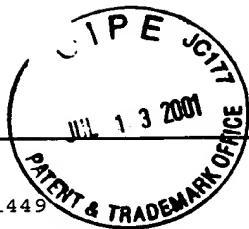
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| | AR | <u>5</u> | Patent Abstracts of Japan, JP 4135271, published May 8, 1992. |
| | AS | <u>5</u> | Patent Abstracts of Japan, JP 4353970, published December 8, 1992. |
| | AT | <u>5</u> | Patent Abstracts of Japan, JP 5189406, published July 30, 1993. |

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| ETS | AB3 | | | | | | |
| ETS | AC3 | | | | | | |
| ETS | AD3 | | | | | | |
| ETS | AE3 | | | | | | |
| ETS | AF3 | | | | | | |
| ETS | AG3 | | | | | | |
| ETS | AH3 | | | | | | |
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| ETS | AM3 | | | | | | Yes No |
| ETS | AN3 | | | | | | Yes No |
| ETS | AO3 | | | | | | Yes No |
| ETS | AP3 | | | | | | Yes No |

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| ETS | AR | 6 | Patent Abstracts of Japan, JP 6076161, published March 18, 1994. ✓ |
| ETS | AS | 6 | Patent Abstracts of Japan, JP 6149833, published May 31, 1994. ✓ |
| ETS | AT | 6 | |

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